

10 frames are mutually pivotable and translatable in the said
main plane along a predetermined pole path fixed by said
coupling means.

4. (Thrice Amended) The frame as claimed in
claim [3] 1, wherein the frame moves in accordance with the
predetermined pole path fixed by the coupling means.

5. (Twice Amended) The frame as claimed in claim
[3] 4, wherein the pole path is substantially straight.

6. (Twice Amended) The frame as claimed in claim
[3] 4, wherein the pole path extends substantially
horizontally.

8. (Twice Amended) The frame as claimed in claim
[3] 4, wherein at constant relative angular speed of the sub-
frames the speed of the pole along the pole path increases
from the starting position to the end position.

Add new claims 19-30 as follows:

--19. A frame for a sporting device for coupling to
a shoe which frame comprises an upper sub-frame having a first
rigid link with means for coupling to the shoe to be worn by
a user, a lower sub-frame having a second rigid link which is
coupled via a plurality of interconnected links to said first
rigid link defining a linkage for motion in a main plane and
upon which wheels or runners may be secured, and resetting

spring means for urging both sub-frames toward each other;
wherein the sub-frames are mutually pivotable and translatable
relative to one another in the said main plane along a
predetermined pole path fixed by the linkage.

10
5 ¹⁹~~20~~ 18 The frame as claimed in claim ¹⁸~~19~~, wherein the
sub-frames form part of a mechanism comprising at least four
rods interconnecting said upper sub-frame and said lower sub-
frame permitting pivotal and translational motion between said
sub-frames.

²⁰~~21~~ 18 1/6 The frame as claimed in claim ^{18 1/6}~~19~~, wherein the
frame has only one degree of freedom.

²¹~~22~~ 18 The frame as claimed in claim ¹⁸~~19~~, wherein the
frame moves in accordance with the predetermined pole path
fixed by the coupling means.

²²~~23~~ 21 The frame as claimed in claim ²¹~~22~~, wherein the
pole path is substantially straight.

²³~~24~~ 21 21 The frame as claimed in claim ^{21 21}~~22~~, wherein the
pole path extends substantially horizontally.

²⁴~~25~~ 21 The frame as claimed in claim ²¹~~22~~, wherein the
pole path extends between a starting position under the ball
of the foot of a user in the rest position of the frame, and

an end position under the big toe of the user in the extreme
5 outward pivoted position of the frame.

~~25~~ 26. The frame as claimed in claim ~~22~~ 21, wherein at
constant relative angular speed of the sub-frames the speed of
the pole along the pole path increases from the starting
position to the end position.

194
~~26~~ 27. The frame as claimed in claim ~~22~~ 21, wherein a
frame is a member of the family in accordance with one of the
configurations from the table below, in which the first number
designates the number of rods, p1 designates the number of
5 connections with one degree of freedom, p2 designates the
number of connections with two degrees of freedom and #
designates the presence of a well-defined pole path and
therewith the suitability for a sporting device with foot
bending:

10	Family/member	Figure	p1	p2	suitable
	2 / 1	8	0	2	#
	3 / 1	9	2	1	
	3 / 2	10	1	1	
15	3 / 3	11	0	1	
	4 / 1	12	4	0	#
	4 / 2	13	4	0	#
	4 / 3	14	3	2	#
	4 / 4	15	2	4	#
20	4 / 5	16	1	6	#
	4 / 6	17	0	8	#
	5 / 1	18	5	1	#
	5 / 2	19	4	3	#
	5 / 3	20	3	5	#
25	5 / 4	21	2	7	#
	5 / 5	22	1	9	#
	5 / 6	23	0	11	#
	6 / 1	24	7	0	#
	6 / 2	25	6	2	#
30	6 / 3	26	5	4	#
	6 / 4	27	4	6	#
	6 / 5	28	3	8	#
	6 / 6	29	2	10	#
	6 / 7	30	1	12	#
35	6 / 8	31	0	14	# (.)

~~28~~²⁷. The frame as claimed in claim ~~27~~²⁶, wherein the frame comprises between seven and ten pivot axes.